

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-233285

(43)Date of publication of application : 17.10.1991

(51)Int.Cl.

(21)Application number : 02-028780

(71)Applicant : MITSUBISHI ELECTRIC CORP

(22)Date of filing : 08.02.1990

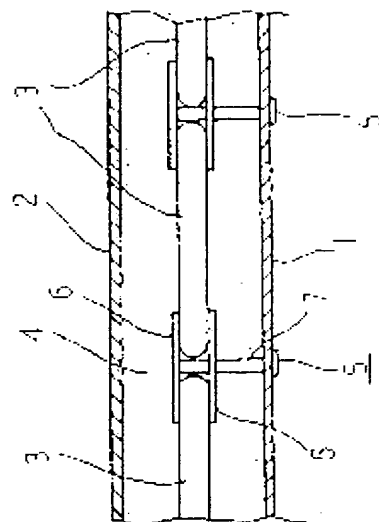
(72)Inventor : ADACHI TAKENORI

(54) INSULATED BOX OF REFRIGERATOR AND THE LIKE

(57)Abstract:

PURPOSE: To simplify the work for mounting each vacuum insulation plate and improve the strength of an insulated box by supporting a vacuum insulation plate between supporting plates of a fixing device and filling between an inner and outer boxes with foaming insulation material.

CONSTITUTION: A fixing device 5 consists of two pieces of supporting plates 6, parallel to the walls of an inner box 1 and an outer box 2, for holding therebetween the adjacent ends of vacuum insulation plates 3 and a supporting rod 7, fixed perpendicular to the box 1, which is provided at its end with said plates 6. The respective fixing devices 5 are provided between the walls of the boxes 1, 2 at a plurality of intervals. The ends of the adjacent plates 3 are inserted into each one of the devices 5 to form a continuous vacuum insulation wall parallel outside the inner box 1, which are inserted into the outer box 2. Thereafter, a foaming insulation material 4 is filled into the space between the boxes 1, 2 to form an insulated box for a refrigerator, etc.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of

rejection]

[Kind of final disposal of application other than
the examiner's decision of rejection or
application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's
decision of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office